Subscribe (Full Service) Register (Limited Service, Free) Login

Search: • The ACM Digital Library • The Guide

"semantic concept" + "data structures" + relationship + entiy +



THE ACM DIGITAL LIBRARY

Full text available: pdf(764.99 KB)

Feedback Report a problem Satisfaction

str pa	erms used <u>semantic concept data</u> ructures relationship entiy linguist feature value hir generating match relative entropy calculated entropy hilue root entry database encoding relationship	Found 17 of 147,793
by Di	relevance Save results to a Binder	Try an <u>Advanced Search</u> Try this search in <u>The ACM Guide</u>
Re	esults 1 - 17 of 17	Relevance scale ☐ ☐ ☐ ☐ ☐ ☐
1	ObNet: an object-oriented approach for supporting la	rge, long-lived, highly configurable
	systems T. Gallo, G. Serrano, F. Tisato May 1989 Proceedings of the 11th international confe	•
	Full text available: pdf(853.96 KB) Additional Information: full cita	ation, references, citings, index terms
	Keywords: multi environments, multi representations approach, software engineering environments	object dependency, object oriented
2	Advanced data processing in KRISYS: modeling con-	cepts, implementation techniques,
	and client/server issues Stefan Deßloch, Theo Härder, Nelson Mattos, Bernhard Mi May 1998 The VLDB Journal — The International Journal — Volume 7 Issue 2	rnal on Very Large Data Bases,
	Full text available: pdf(210.27 KB) Additional Information: full cita	
	The increasing power of modern computers is steadily for advanced data processing such as engineering and meet their requirements, concepts for advanced data numbers during the last decade, especially in the field of object years, the database group at the University of Kaisers advanced database system, the KRISYS prototype. In the	knowledge-based applications. To nanagement have been investigated orientation. Over the last couple of autern has been developing such an
	Keywords: Client/server architectures, Consistency concepts, Query processing, Run-time optimization	ontrol, Object-oriented modeling
3	Control flow and data structure documentation: two e Ben Shneiderman January 1982 C mmunicati ns f the ACM, Volume 25 Issu	 -
	Additional Information: full cita	ation, abstract, references, citings, index

<u>terms</u>

Two experiments were carried out to assess the utility of external documentation aids such as macro flowcharts, pseudocode, data structure diagrams, and data structure descriptions. A 223 line Pascal program which manipulates four arrays was used. The program interactively handles commands that allow the user to manage five lists of items. A comprehension test was given to participants along with varying kinds of external documentation. The results indicate that for this program the data st ...

Keywords: data structure diagrams, pseudocode

4	Towards a semantic view of an extended entity-relationship model Martin Gogolla, Uwe Hohenstein September 1991 ACM Transactions on Database Systems (TODS), Volume 16 Issue 3			
	Full text available: pdf(3.09 MB) Additional Information: full citation, abstract, references, citings, index terms, review			
	Nearly all query languages discussed recently for the Entity-Relationship (ER) model do possess a formal semantics. Languages are often defined by means of examples only. The reason for this phenomenon is the essential gap between features of query languages at theoretical foundations like algebras and calculi. Known languages offer arithmetic capabilities and allow for aggregates, but algebras and calculi defined for ER models do This paper introduces an extended ER m			
	Keywords : abstract data type, aggregate function, calculus, entity-relationship model, formal semantics, relational completeness, safeness, semantic data model			
5	Curriculum '78: recommendations for the undergraduate program in computer science— a report of the ACM curriculum committee on computer science Richard H. Austing, Bruce H. Barnes, Della T. Bonnette, Gerald L. Engel, Gordon Stokes March 1979 Communications of the ACM, Volume 22 Issue 3			
	Full text available: pdf(2.20 MB) Additional Information: full citation, abstract, references, citings			
	Contained in this report are the recommendations for the undergraduate degree program in Computer Science of the Curriculum Committee on Computer Science (C3S) of the Association for Computing Machinery (ACM). The core curriculum common to all computer science undergraduate programs is presented in terms of elementary level topics and courses, and intermediate level courses. Elective courses, used to round out an undergraduate program, are then discussed, and			
	Keywords: computer science curriculum, computer science education, computer science undergraduate degree programs, computer sciences courses, continuing education, service courses			
6				
•	<u>Limitations of record-based information models</u> William Kent March 1979 ACM Transactions on Database Systems (TODS) , Volume 4 Issue 1	<u> </u>		
	Full text available: pdf(2.14 MB) Additional Information: full citation, abstract, references, citings, index terms			
	Record structures are generally efficient, familiar, and easy to use for most current data processing applications. But they are not complete in their ability to represent information, nor are they fully self-describing.			
	Your rde: concentual model, data model, entities, first normal form, information model			

	normalization, records, relationships, semantic model	
7	Cactis: a self-adaptive, concurrent implementation of an object-oriented database management system Scott E. Hudson, Roger King September 1989 ACM Transactions on Database Systems (TODS), Volume 14 Issue 3	
	Full text available: pdf(2.65 MB) Additional Information: full citation, abstract, references, citings, index terms, review	
	Cactis is an object-oriented, multiuser DBMS developed at the University of Colorado. The system supports functionally-defined data and uses techniques based on attributed graphs to optimize the maintenance of functionally-defined data. The implementation is self-adaptive in that the physical organization and the update algorithms dynamically change in order to reduce disk access. The system is also concurrent. At any given time there are some number of computations that must be performed t	
8	Technical reports SIGACT News Staff January 1980 ACM SIGACT News, Volume 12 Issue 1	
	Full text available: pdf(5.28 MB) Additional Information: full citation	
9	Session I: Linguistic and computational semantics Brian Cantwell Smith June 1982 Proceedings of the 20th conference on Association for Computational Linguistics	
	Full text available: pdf(804.50 KB) Additional Information: full citation, abstract, references Publisher Site	
	We argue that because the very concept of computation rests on notions of interpretation, the semantics of natural languages and the semantics of computational formalisms are in the deepest sense the same subject. The attempt to use computational formalisms in aid of an explanation of natural language semantics, therefore, is an enterprise that must be undertaken with particular care. We describe a framework for semantical analysis that we have used in the computational realm, and suggest that i	
10	<u>Searching in metric spaces</u> Edgar Chávez, Gonzalo Navarro, Ricardo Baeza-Yates, José Luis Marroquín September 2001 ACM Computing Surveys (CSUR) , Volume 33 Issue 3	
	Full text available: pdf(916.04 KB) Additional Information: full citation, abstract, references, citings, index terms	
	The problem of searching the elements of a set that are close to a given query element under some similarity criterion has a vast number of applications in many branches of computer science, from pattern recognition to textual and multimedia information retrieval. We are interested in the rather general case where the similarity criterion defines a metric space, instead of the more restricted case of a vector space. Many solutions have been proposed in different areas, in many cases without cros	
	Keyw rds: Curse of dimensionality, nearest neighbors, similarity searching, vector spaces	
11	The family of concurrent logic programming languages	

Results (page 1): "semantic concept" + "data structures" + relationship + entity + "linguist ... Page 3 of 5

Ehud Shapiro September 1989 ACM C mputing Surveys (CSUR), Volume 21 Issue 3 Additional Information: full citation, abstract, references, citings, index Full text available: pdf(9.62 MB) terms Concurrent logic languages are high-level programming languages for parallel and distributed systems that offer a wide range of both known and novel concurrent programming techniques. Being logic programming languages, they preserve many advantages of the abstract logic programming model, including the logical reading of programs and computations, the convenience of representing data structures with logical terms and manipulating them using unification, and the amenability to metaprogrammin ... 12 A survey of approaches to automatic schema matching Erhard Rahm, Philip A. Bernstein December 2001 The VLDB Journal — The International Journal on Very Large Data Bases. Volume 10 Issue 4 Full text available: pdf(196.22 KB) Additional Information: full citation, abstract, citings, index terms Schema matching is a basic problem in many database application domains, such as data integration, E-business, data warehousing, and semantic query processing. In current implementations, schema matching is typically performed manually, which has significant limitations. On the other hand, previous research papers have proposed many techniques to achieve a partial automation of the match operation for specific application domains. We present a taxonomy that covers many of these existing approach ... Keywords: Graph matching, Machine learning, Model management, Schema integration, Schema matching 13 A logic-based foundation of discrete event modeling and simulation Ashvin Radiya, Robert G. Sargent January 1994 ACM Transactions on Modeling and Computer Simulation (TOMACS), Volume 4 Issue 1 Additional Information: full citation, abstract, references, citings, index Full text available: pdf(3.33 MB) terms, review A logic-based foundation of discrete event modeling and simulation is presented by defining (1) its fundamental concepts and terms from a perspective commonly held by logicians, (2) a modal Discrete Event Logic LDE. The ways of expressing models using LDE are discussed and compared with the ways of expressing models in simulation languages that support the event scheduling world view. The logic-based foundation prov ... Keywords: discrete event modeling, discrete event simulation, logic, logic of events and actions, logic of procedural programming, model-theoretic semantics, quantifiers logic, simulation procedure, temporal logic, time flow mechanism 14 The principled design of large-scale recursive neural network architectures-dag-rnns and the protein structure prediction problem Pierre Baldi, Gianluca Pollastri December 2003 The Journal of Machine Learning Research, Volume 4 Full text available: 📆 pdf(231.40 KB) Additional Information: full citation, abstract, references, index terms We describe a general methodology for the design of large-scale recursive neural network architectures (DAG-RNNs) which comprises three fundamental steps: (1) representation of

Results (page 1): "semantic concept" + "data structures" + relationship + entity + "linguist ... Page 4 of 5

a given domain using suitable directed acyclic graphs (DAGs) to connect visible and hidden node variables; (2) parameterization of the relationship between each variable and its

parent variables by feedforward neural networks; and (3) application of weight-sharing within appropriate subsets of DAG connections to capture s				
15 <u>Dynamic restructuring of databases with generation data structures</u> Rob Gerritsen, Howard L. Morgan October 1976 Pr ceedings f the annual c nference				
Full text available: pdf(602.36 KB) Additional Information: full citation, abstract, references, citings, index terms				
Most logical database restructuring schemes require a complete pass through the database for reformatting. Our approach is to leave the database in situ and to permit a mixture (several generations) of structures to co-exist. Each generation of structure is described in a Generation Data Structure Schema, which has a generic structure of its own. A Restructuring Data Definition Language is proposed for describing the evolution from one schema to the next. Steps toward implementation are dis				
16 Proximal nodes: a model to query document databases by content and structure				
Gonzalo Navarro, Ricardo Baeza-Yates October 1997 ACM Transactions on Information Systems (TOIS), Volume 15 Issue 4				
Full text available: pdf(550.43 KB) Additional Information: full citation, abstract, references, citings, index terms, review				
A model to query document databases by both their content and structure is presented. The goal is to obtain a query language that is expressive in practice while being efficiently implementable, features not present at the same time in previous work. The key ideas of the model are a set-oriented query language based on operations on nearby structure elements of one or more hierarchies, together with content and structural indexing and bottom-up evaluation. The model is evaluated in regard t				
Keywords : expressivity and efficiency of query languages, hierarchical documents, structured text, text algebras				
17 Knowledge-based document retrieval in office environments: the Kabiria system Augusto Celentano, Maria Grazia Fugini, Silvano Pozzi July 1995 ACM Transactions on Information Systems (TOIS), Volume 13 Issue 3				
Full text available: pdf(2.14 MB) Additional Information: full citation, abstract, references, citings, index terms, review				
In the office environment, the retrieval of documents is performed using the concepts contained in the documents, information about the procedural context where the documents are used, and information about the regulations and laws that discipline the life of documents within a given application domain. To fulfill the requirements of such a sophisticated retrieval, we propose a document retrieval model and system based on the representation of knowledge describing the semantic contents of d				
Keywords : browser, class, hypertext, instance, knowledge base, link, object orientation, user interface				
Results 1 - 17 of 17				
The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc. <u>Terms of Usage</u> <u>Privacy Policy</u> <u>Code of Ethics</u> <u>Contact Us</u>				
Useful downloads: Adobe Acrobat QuickTime Mindows Media Player Real Player				

Results (page 1): "semantic concept" + "data structures" + relationship + entiy + "linguist ... Page 5 of 5

IEEE HOME : SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Standards Conferences Publications/Services **United States Patent and Trademark Office** » Sea **Quick Links** FAQ Terms IEEE Peer Review Welcome to IEEE Xplare* Your search matched 0 of 1103149 documents. O- Home A maximum of 500 results are displayed, 15 to a page, sorted by Relevance - What Can Descending order. I Access? O- Log-out Refine This Search: You may refine your search by editing the current search expression or enterin **Tables of Contents** new one in the text box. O Journals 'feature value pair' <and> 'relative entropy' Search & Magazines ☐ Check to search within this result set O- Conference **Proceedings** Results Key: () Standards JNL = Journal or Magazine CNF = Conference STD = Standard Search O- By Author O- Basic Results: No documents matched your query. O- Advanced CrossRef Member Services O- Join IEEE)- Establish IEEE Web Account O- Access the **IEEE Member Digital Library**

Print Format

O- Access the

IEEE Enterprise File Cabinet

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE - All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



JEEE)	Welcome United States Patent and Trademark Office
Help FAQ Terms IEE	EE Peer Review Quick Links Se
Welcome to IEEE Xplore* - Home - What Can I Access? - Log-out	Your search matched 0 of 1103149 documents. A maximum of 500 results are displayed, 15 to a page, sorted by Relevance Descending order. Refine This Search:
Tables of Contents	You may refine your search by editing the current search expression or enterinew one in the text box.
O- Journals & Magazines	'semantic concept' <and> 'feature value pair' ☐ Check to search within this result set</and>
Conference Proceedings C Standards	Results Key:
Search	JNL = Journal or Magazine CNF = Conference STD = Standard
O- By Author O- Basic O- Advanced O- CrossRef	Results: No documents matched your query.
Member Services	
O- Join IEEE O- Establish IEEE Web Account O- Access the	
IEEE Member Digital Library	
De Halland Indica Access the IEEE Enterprise File Cabinet	

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards



	Kplore .	United States	Welcome Patent and Trademark Off	ice 1
Help FAQ Terms IEE	E Peer Review Quic	k Links		» Se
Welcome to IEEE Xplare* - Home - What Gan I Access? - Log-out	Descending ord Refine This Sea	00 results are der.	isplayed, 15 to a page	e, sorted by Relevance
Tables of Contents Journals & Magazines Conference Proceedings Standards	new one in the te l'linguist feature val	ext box. ue pair' <and> 'se ch within this re</and>	mantic concept Searc	
Search - By Author - Basic - Advanced - CrossRef	Results: No documents		F = Conference STD query.	= Standard
Member Services Join IEEE Establish IEEE Web Account Access the IEEE Member Digital Library				
Cast Enterprise Access the IEEE Enterprise File Cabinet				

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved